

ABSTRACT

A water irrigation system may include a computer system, a sensing unit, an irrigation controller, and/or a water delivery system. The sensing unit may include one or
5 more sensors and a solar panel. Electricity produced by the solar panel may be supplied to the sensors of the sensing unit. The sensing unit may provide output to the computer system that is a function of the received sunlight. The computer system may assess solar insolation as a function of the output from the sensing unit. The computer system may control irrigation of a zone to be irrigated at least partially based on the assessed solar
10 insolation. A method of controlling irrigation may include assessing solar insolation from output provided by a solar panel near or in a zone to be irrigated and controlling irrigation at least partially based on the assessed solar insolation.

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